

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CCRL2/CRAM-A/B. Stains human HCR-transfected cells but not irrelevant transfectants. It detects both the CRAM-A and CRAM-B isoforms.
Source	Monoclonal Mouse IgG _{2B} Clone # 152211
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human CCRL2/CRAM-A/B Met1-Val356 (Val180Met) Accession # NP_001124382
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	Human CCRL2/CRAM-A transfected NS0 cells

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

HCR, also known as CRAM-A, CRAM-B, CKRX and CCRL2, is a seven-transmembrane G-protein linked receptor that shares homology with other human chemokine receptors. Two isoforms were reported and designated CRAM-A and CRAM-B (1) that differ at their N-termini by the inclusion of an additional 12 amino acids on CRAM-A. HCR/CRAM is expressed at varying levels on a variety of peripheral blood cells including monocytes, neutrophils and T cells (2, 3).

References:

1. Fan, P. *et al.* (1998) *Biochem. Biophys. Res. Commun.* **243**:264.
2. Migeotte, I. *et al.* (2002) *Eur. J. Immunol.* **32**:494.

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